

of garden growth), developed into lanceolate acute leaves. Sterile filament rotundato-reniform, entire. Sepals with a broad membranous margin, torn at the edges. Capsules ovate, more or less acute.

2. *S. Ehrharti*. Foliis ovato-lanceolatisve basi subcordatis acutis serratis, caule petiolisque alatis, panicula terminali, cymis lateralibus laxis pauci-(4—6)-floris, laciniis calycinis subrotundis margine late scariosis, staminodio bifido laciniis divaricatis, capsula globosa obtusissima.

*S. aquatica*, *Ehrh. Pl. Off.* n. 156. *Sm. Herb.* n. 1. *Fl. Dan.* t. 507. *Kunth, Fl. Berol.* ii. 60. *Bluff et Fingerh.* l. c. *Rchb. Fl. excurs.* n. 2562. *Koch, Syn.* 515. \**Peterm. Fl. Lips.* 459. \**Host. Fl. Austr.* ii. 203. \**Wimm. et Grab. Fl. Siles.* ii. 226.

*Hab.* Edinburgh, *Mr. W. H. Campbell*; Cramond Woods, West Lothian, *Dr. A. Hunter*. It has also, I believe, been found near Primrose Hill by *Mr. J. D. C. Sowerby*.

Perennial — ?

Root fibrous. Stem erect, 2—? feet high, simple, square, winged at the angles. Leaves ovate, ovate-oblong or lanceolate, slightly cordate at the base, acute, simply and finely serrate. Panicle of many, mostly alternate, dichotomous few-flowered cymes. Peduncles and pedicels divaricating, slightly glandulose. Bracts foliaceous lanceolate acute, simple or tripartite, in which latter case the segments are lanceolate. Sterile filament obreniform, bifid, the lobes divaricating. Sepals with a broad torn membranous margin. Capsule globose, very obtuse.

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*a a.* Single cymes of the two Plants.

*b b.* Staminodia of ditto.

*c c.* Margins of leaves of ditto.

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Dunkerron, Kenmare, 12th March 1839.

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THOS. TAYLOR.

1. AGARICUS, *Linn.*

vaginatus, *Batsch.*  
 muscarius, *L.*  
 clypeolarius, *Bull.*  
 cristatus, *Bolt.*  
 cburneus, *Bull.*  
 rutilans, *Schæff.*  
 multiformis, *Schæff.*  
 personatus, *Fr.*  
 alutaceus, *Pers.*  
 emeticus, *Schæff.*  
 cilicioides, *Fr.*  
 zonarius, *With.*  
 giganteus, *Sow.*  
 nebularis, *Batsch.*  
 pratensis, *Pers.*  
 puniceus, *Fr.*  
 coccineus, *Wulf.*  
 laccatus, *Scop.*  
 pelianthinus, *Fr.*  
 butyraceus, *Bull.*  
 compressus, *Sow.*  
 confluens, *Pers.*  
 Clavus, *Bull.*  
 Rotula, *Scop.*  
 androsaceus, *L.*  
 caulicinalis, *Bull.*  
 galericulatus, *Scop.*  
 purus, *Pers.*  
 corticola, *Bull.*  
 stellatus, *Fr.*  
 umbelliferus, *L.*  
 fragrans, *Sow.*  
 flabelliformis, *Bolt.*  
 applicatus, *Batsch.*  
 fertilis, *Pers.*  
 pascuus, *Pers.*  
 evernius, *Fr.*  
 gentilis, *Fr.*  
 sublanatus, *Sow.*  
 bulbosus, *Sow.*  
 scaurus, *Fr.*  
 aureus, *Bull.*  
 squarrosus, *Müll.*  
 mutabilis, *Schæff.*

collinitus, *Sow.*  
 fastibilis, *Pers.*  
 flavidus, *Schæff.*  
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 tener, *Schæff.*  
 involutus, *Batsch.*  
 variabilis, *Pers.*  
 Georgii, *With.*  
 campestris, *L.*  
 semiglobatus, *Batsch.*  
 fascicularis, *Huds.*  
 semiovatus, *Sow.*  
 Boltoni, *Pers.*  
 disseminatus, *Pers.*  
 atramentarius, *Bull.*  
 micaceus, *Bull.*  
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 chalybeus, *Pers.*  
 Bulliardii, *Temp.*

2. CANTHARELLUS, *Adans.*

cibarius, *Fr.*  
 lobatus, *Pers.*  
 lævis, *Fr.*

3. MERULIUS, *Hal.*

corium, *Grev.*  
 lachrymans, *Wulf.*

4. POLYPORUS, *Mich.*

lentus, *Berk.*  
 squamosus, *Huds.*  
 perennis, *L.*  
 giganteus, *Pers.*  
 versicolor, *L.*  
 pallescens, *Fr.*  
 radiatus, *Sow.*  
 medulla panis, *Jacq.*  
 ferruginosus, *Schrad.*

5. BOLETUS, *Dill.*

luteus, *L.*  
 bovinus, *L.*  
 piperatus, *Bull.*  
 subtomentosus, *L.*  
 edulis, *Bull.*

6. FISTULINA, *Bull.*  
 hepatica, *With.*

7. HYDNUM, *Linn.*  
 repandum, *L.*

8. THELEPHORA, *Ehrh.*

epidermea, *Pers.*  
 cœrulea, *Schrad.*  
 aurantiaca, *Sow.*  
 calcea, *Pers.*  
 purpurea, *Pers.*  
 rubiginosa, *Schrad.*  
 hirsuta, *Willd.*  
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 rugosa, *Bull.*  
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14. *HELVELLA*, Linn.  
lacunosa, Afz.

15. *LEOTIA*, Hill.  
lubrica, Scop.

16. *PEZIZA*, Dill.  
vesiculosa, Bull.  
humosa, Fr.  
coccinea, Jacq.  
brunnea, Alb. & Schw.  
scutellata, L.  
stercorea, Pers.  
virginea, Batsch.  
calycina, Schum.  
inflexa, Bolt.  
Calyculus, Sow.  
citrina, Hedw.  
lenticularis, Bull.  
cinerea, Batsch.  
acicularis, Bull.  
aurantia, Pers.  
aquatica, DeCand.  
cochleata, Bull.  
lycoperdioides, DeCand.  
nivea, Hedw. fil.  
villosa, Pers.  
pillata, Pers.

17. *BULGARIA*, Fr.  
sarcoides, Jacq.

18. *TREMELLA*, Dill.  
mesenterica, Retz.  
albida, Smith.  
sarcoides, With.  
difformis, With.

19. *DACRYMYCES*, Nees.  
stillatus, Nees.

20. *SCLEROTIUM*, Tode.  
complanatum, Tode.  
durum, Pers.

21. *NIDULARIA*, Bull.  
Crucibulum, Pers.

22. *SPHÆROBOLUS*, Tode.  
stellatus, Tode.

23. *PILOBOLUS*, Tode.  
crystallinus, Tode.

24. *SPHÆRIA*, Hall.  
militaris, L.  
Hypoxylon, L.  
carphophila, Pers.  
fragiformis, Pers.  
fusca, Pers.  
stigma, Hoffm.

disciformis, Hoffm.  
flavo-virens, Hoffm.  
coccinea, Pers.  
aurantia, Pers.  
byssiseda, Tode.  
morfiformis, Tode.  
Pulvis pyrius, Pers.  
ocellata, Fr.  
Tilia, Pers.  
Gnomon, Tode.  
punctiformis, Pers.  
Ægopodii, Pers.  
Vaccinii, Sow.  
Taxi, Sow.  
rimosa, Sow.  
Illicis, Schleich.  
lanciformis, Fr.  
spermoides, Hoffm.  
acuta, Hoffm.  
serpens, Pers.

25. *DOTHIDEA*, Fr.  
typhina, Pers.  
Geranii, Fr.

26. *RHYTISMA*, Fr.  
Acerinum, Pers.

27. *PHACIDIUM*, Fr.  
coronatum, Fr.

28. *HYSTERIUM*, Tode.

pulicare, Pers.  
Fraxini, Pers.  
conigenum, Mong. et N.  
Rubi, Pers.  
Pinastris, Schrad.  
Juniperi, Grev.

29. *BOVISTA*, Dill.  
nigrescens, Pers.

30. *LYCOPERDON*, Tourn.  
cælatum, Bull.

31. *ELAPHOMYCES*, Nees.  
granulatus, Alb. et Schw.

32. *ÆTHALIUM*, Link.  
septicum, L.

33. *SPUMARIA*, Pers.  
alba, Bull.

34. *DIDYMIUM*, Schrad.  
physaroides, Pers.

35. *PHYSARUM*, Pers.  
sinuosum, Bull.

36. *CRATERIUM*, Trentepohl  
minutum, Leers.

37. *STEMONITIS*, Gled.  
fusca, Roth.  
ovata, Pers.  
typhina, Pers.

38. *DICTYDIUM*, Schrad.  
umbilicatum.

39. *ARCYRIA*, Hill.  
incarnata, Pers.  
fuitans, Bull.

40. *TRICHIA*, Hall.  
chryso sperma, DeCand.  
varia, Pers.

41. *PERICHÆNA*, Fr.  
populina, Fr.

42. *LICEA*, Schrad.  
cylindrica, Fr.  
fragariformis, Nees.

43. *ONYGENA*, Pers.  
equina, Pers.

44. *STILBUM*, Tode.  
vulgare, Tode.  
bicolor, Pers.

45. *MUCOR*, Mich.  
caninus, Pers.  
Mucedo, L.

46. *EUROTIUM*, Link.  
Herbariorum, Lk.

47. *CLADOSPORIUM*, Link.  
Herbarum, Lk.

48. *DEMATIUM*, Pers.  
ciliare, Pers.

49. *ASPERGILLUS*, Mich.  
glaucus, Lk.

50. *STACHYLIDIUM*, Lk.  
diffusum, Fr.

51. *CERATIUM*, Alb. et S.  
hydroides, Alb. et S.

52. *BOTRYTIS*, Mich.  
vera, Fr.

53. *MONILIA*, Hill.  
racemosa, Pers.

54. *FUSARIUM*, Lk.  
tremelloides, Grev.

55. *AREGMA*, Fr.  
bulbosum, Fr.  
mucronatum, Fr.

56. *PODISOMA*, Lk.  
Juniperi Sabine, Fr.

14. *HELVELLA*, Linn.  
lacunosa, Afz.

15. *LEOTIA*, Hill.  
lubrica, Scop.

16. *PEZIZA*, Dill.  
vesiculosa, Bull.  
humosa, Fr.  
coccinea, Jacq.  
brunnea, Alb. & Schw.  
scutellata, L.  
stercorea, Pers.  
virginea, Batsch.  
calycina, Schum.  
inflexa, Bolt.  
Calyculus, Sow.  
citrina, Hedw.  
lenticularis, Bull.  
cinerea, Batsch.  
acicularis, Bull.  
aurantia, Pers.  
aquatica, DeCand.  
cochleata, Bull.  
lycoperdioides, DeCand.  
nivea, Hedw. fil.  
villosa, Pers.  
pillata, Pers.

17. *BULGARIA*, Fr.  
sarcoides, Jacq.

18. *TREMELLA*, Dill.  
mesenterica, Retz.  
albida, Smith.  
sarcoides, With.  
difformis, With.

19. *DACRYMYCES*, Nees.  
stillatus, Nees.

20. *SCLEROTIUM*, Tode.  
complanatum, Tode.  
durum, Pers.

21. *NIDULARIA*, Bull.  
Crucibulum, Pers.

22. *SPHÆROBOLUS*, Tode.  
stellatus, Tode.

23. *PILOBOLUS*, Tode.  
crystallinus, Tode.

24. *SPHÆRIA*, Hall.  
militaris, L.  
Hypoxylon, L.  
carphophila, Pers.  
fragiformis, Pers.  
fusca, Pers.  
stigma, Hoffm.

disciformis, Hoffm.  
flavo-virens, Hoffm.  
coccinea, Pers.  
aurantia, Pers.  
byssiseda, Tode.  
morfiformis, Tode.  
Pulvis pyrius, Pers.  
ocellata, Fr.  
Tilia, Pers.  
Gnomon, Tode.  
punctiformis, Pers.  
Ægopodii, Pers.  
Vaccinii, Sow.  
Taxi, Sow.  
rimosa, Sow.  
Illicis, Schleich.  
lanciformis, Fr.  
spermoides, Hoffm.  
acuta, Hoffm.  
serpens, Pers.

25. *DOTHIDEA*, Fr.  
typhina, Pers.  
Geranii, Fr.

26. *RHYTISMA*, Fr.  
Acerinum, Pers.

27. *PHACIDIUM*, Fr.  
coronatum, Fr.

28. *HYSTERIUM*, Tode.  
pulicare, Pers.  
Fraxini, Pers.  
conigenum, Mong. et N.  
Rubi, Pers.  
Pinastris, Schrad.  
Juniperi, Grev.

29. *BOVISTA*, Dill.  
nigrescens, Pers.

30. *LYCOPERDON*, Tourn.  
cælatum, Bull.

31. *ELAPHOMYCES*, Nees.  
granulatus, Alb. et Schw.

32. *ÆTHALIUM*, Link.  
septicum, L.

33. *SPUMARIA*, Pers.  
alba, Bull.

34. *DIDYMIUM*, Schrad.  
physaroides, Pers.

35. *PHYSARUM*, Pers.  
sinuosum, Bull.

36. *CRATERIUM*, Trentepohl  
minutum, Leers.

37. *STEMONITIS*, Gled.  
fusca, Roth.  
ovata, Pers.  
typhina, Pers.

38. *DICTYDIUM*, Schrad.  
umbilicatum.

39. *ARCYRIA*, Hill.  
incarnata, Pers.  
futans, Bull.

40. *TRICHIA*, Hall.  
chryso sperma, DeCand.  
varia, Pers.

41. *PERICHÆNA*, Fr.  
populina, Fr.

42. *LICEA*, Schrad.  
cylindrica, Fr.  
fragariformis, Nees.

43. *ONYGENA*, Pers.  
equina, Pers.

44. *STILBUM*, Tode.  
vulgare, Tode.  
bicolor, Pers.

45. *MUCOR*, Mich.  
caninus, Pers.  
Mucedo, L.

46. *EUROTIVM*, Link.  
Herbariorum, Lk.

47. *CLADOSPORIVM*, Link.  
Herbarum, Lk.

48. *DEMATIUM*, Pers.  
ciliare, Pers.

49. *ASPERGILLUS*, Mich.  
glaucus, Lk.

50. *STACHYLIDIUM*, Lk.  
diffusum, Fr.

51. *CERATIUM*, Alb. et S.  
hydroides, Alb. et S.

52. *BOTRYTIS*, Mich.  
vera, Fr.

53. *MONILIA*, Hill.  
racemosa, Pers.

54. *FUSARIUM*, Lk.  
tremelloides, Grev.

55. *AREGMA*, Fr.  
bulbosum, Fr.  
mucronatum, Fr.

56. *PODISOMA*, Lk.  
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mucronatum, Fr.

56. *PODISOMA*, Lk.  
Juniperi Sabine, Fr.

57. PUCCINIA, Pers. Graminis, Pers. Epilobii, DeCand.	59. HIMANTIA, Pers. candida, Pers.	Senecionis, Schlecht. Violarum, DeCand. Ruborum, DeCand.
58. ÆCIDIUM, Pers. Grossularia, DeCand.	60. UREDO, Pers. Segetum, Pers. Caries, DeCand. Labiatarum, DeCand.	Leguminosarum, Lk. candida, Pers. Lini, DeCand. Rubigo, DeCand.

III.—*Additions to the Fauna of Ireland.* By W. THOMPSON, Esq., V. Pres. of the Natural History Society of Belfast.

MAMMALIA.

*DELPHINUS MELAS*, Traill. This species is stated by Robert Ball, Esq. of Dublin, to be occasionally driven ashore in large herds on the southern coast of Ireland, and to be of frequent occurrence in the month of June at Youghal. Here a herd of seventy-five came ashore a few years ago, of which the average size was from 11 to 18 feet, but one individual had attained to 22 feet in length. When visiting the South Islands of Arran (off the coast of Clare) in June 1834, accompanied by Mr. Ball, a portion of the skeleton of a *D. melas* was found by us on the beach. On this gentleman revisiting the same islands in the following summer, he saw the remains of a herd of these animals lying where they had perished: the inhabitants speak of them as common.

AVES.

*SOMATERIA SPECTABILIS*, Leach. King-Eider. A female specimen of this rare British bird was shot in Kingstown harbour near Dublin about the 1st of Oct. 1837, and a few hours afterwards came into the possession of Mr. R. Ball. When first seen it was accompanied by two others.

*LESTRIS RICHARDSONII*, Swains. Richardson's Skua. An adult *Lestris* shot at Malahide, county of Dublin, in September 1837, and in the collection of Dr. Farren of Feltrim, exhibits characters much in unison with what are considered to be two species, the *Lest. Richardsonii*, and the *Stercorarius cephus*, Leach, (Fauna Bor.-Amer. vol. ii. p. 432.) agreeing with the latter in dimensions, and with the former in colouring. At the same time it in size approaches the *L. Richardsonii* as described by Jenyns (Man. Brit. Vert. Anim. p. 282.) as nearly as his does the original description in the 'Fauna Bor.-Amer.' (vol. ii. p. 433). The following table contains the comparative measurements:—

57. PUCCINIA, Pers. Graminis, Pers. Epilobii, DeCand.	59. HIMANTIA, Pers. candida, Pers.	Senecionis, Schlecht. Violarum, DeCand. Ruborum, DeCand.
58. ÆCIDIUM, Pers. Grossularia, DeCand.	60. UREDO, Pers. Segetum, Pers. Caries, DeCand. Labiatarum, DeCand.	Leguminosarum, Lk. candida, Pers. Lini, DeCand. Rubigo, DeCand.

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